



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

→ **RBE1X56-136-393-3**
Job Sheet 198226


Part No: RBE1X56-136-393-3 **Job Qty:** 2 pcs
Part Name: Spanner Bolt

Part Weight: 0 lbs **Status:** New **Priority:** Medium
Job Created: 7/24/19 **Job Tracking No:**
Due Date: 8/30/19 **Created By:** Marie Lajeunesse
Type: SOLD **Description:**
Note: DWG RBE1X56-136-393 Rev 1 IPP Rev. A 19.07.22 New issue DP Verify DD
Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier	Sign-off
							Workcenter / Supplier Lead Time	
100	NLX 2500SY - 1	2 pcs	8/30/19	8/30/19	1.00	2.67	NLX 2500SY - 1	
110	QC 2	2 pcs	8/30/19	8/30/19	0.00	0.00	QC 2 - 1	
							QC 2 - 12	
							QC 2 - 14	
							QC 2 - 17	
							QC 2 - 19	
							QC 2 - 2	
							QC 2 - 20	
							QC 2 - 22	
							QC 2 - 23	
							QC 2 - 25	
							QC 2 - 32	
							QC 2 - 33	
							QC 2 - 35	
							QC 2 - 39	
							QC 2 - 4	
							QC 2 - 40	
							QC 2 - 44	
							QC 2 - 45	
							QC 2 - 48	
							QC 2 - 49	
							QC 2 - 50	
							QC 2 - 51	
							QC 2 - 52	
							QC 2 - 57	
							QC 2 - 62	
							QC 2 - 63	
							QC 2 - 8	
							QC 2 - 66	
							QC 2 - 64	
							QC 2 - 65	



Container No: S204762



Part: RBE1X56-136-393-3

Job No: 198226

Serial No/Batch: S204762

Revision: 1

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.

1270 Aberdeen Street

Haverhill, ON K6A 1K7

CANADA

TEL.: 1 813 632-6200

Email: sales@dartaero.com

www.dartaerospace.com

Date: 08/12/19



Container No: S204762



Part: RBE1X56-136-393-3
Job No: 198226
Serial No/Batch: S204762

Revision: 1
Inspector:
Exp Date:
Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
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CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
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Date: 08/12/19

120 QC 8	2 pcs	8/30/19	0.00 0.00	QC 2 - 5	
				QC 2 - 71	
				QC 2 - 73	
				QC 2 - 69	
				QC 8 - 12	
				QC 8 - 14	
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	MIP 19/02/19
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	
				QC 8 - 57	
130 Outsource - 13 - Zinc Plating	2 pcs	8/30/19		GRO002-VC	2019-08-19
140 Packaging 2-1 - Receive - B4B	2 pcs	8/30/19	0.00 0.00	Packaging 2 - 1 - B4B	
				Packaging 2 - 2 - B4B	
				Packaging 2 - 3 - B4B	
				Packaging 2 - 5 - B4B	
				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	DP AUG 22 2019
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
150 QC 6	2 pcs	8/30/19	0.00 0.00	QC 6 - 9	
				QC 6 - 68	DAS 81 3-83 AUG 23 2019
				QC 6 - 61	

		QC 6 - 40		
		QC 6 - 81		
160 Packaging 3-1 - Stock - B4B 2 pcs 10 Pcs Mon 8-26-2019 Oscar	8/30/19	0.00 0.00	Packaging 3 - 1 - B4B	
			Packaging 3 - 2 - B4B	
			→ Packaging 3 - 3 - B4B	SA-TBD
			Packaging 3 - 4 - B4B	
			Packaging 3 - 5 - B4B	
			Packaging 3 - 6 - B4B	
			Packaging 3 - 7 - B4B	
			Packaging 3 - 8 - B4B	
			Packaging 3 - 9 - B4B	
			Packaging 3 - 10 - B4B	
			Packaging 3 - 11 - B4B	
			Packaging 3 - 12 - B4B	
			Packaging 3 - 13 - B4B	
			Packaging 3 - 14 - B4B	
			Packaging 3 - 15 - B4B	
			Packaging 3 - 16 - B4B	
			Packaging 3 - 17 - B4B	
			Packaging 3 - 18 - B4B	
			Packaging 3 - 19 - B4B	
			Packaging 3 - 20 - B4B	
			Packaging 3 - 21 - B4B	
			Packaging 3 - 22 - B4B	
			Packaging 3 - 23 - B4B	
			Packaging 3 - 24 - B4B	
			Packaging 3 - 25 - B4B	
			Packaging 3 - 26 - B4B	
170 QC 21 - SA 2 pcs Mon 8-26-2019 LO	8/30/19	0.00 0.00	QC 21 - SA - 21	AUG 26 2019
			QC 21 - SA - 70	DAS 77 9-89
Part Op 100 - 1-Machine as per folio FC 912 FOLIO REV: 157 DWG REV: 1 2-Deburr				
Descriptions: 110 - QC2- Inspect parts off machine FAI/FAIB				
120 - QC8- Inspect parts - second check				
130 - -Issue P/O : 44285 -Zinc plate, ASTM B633 TYPE 1 SC2 -Color; Clear -Material type; 4140 -Certificate of Conformity is required				
140 - (Receive & Inspect for Damage & Mat'l Certs) Certificate of Conformity is required				
150 - QC6- All purchased or subcontracted products				
160 - Identify as per dwg & Stock Location:				
170 - QC21- Final Inspection - Work Order Release				
Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
MT-4140QT-R1.025	185 Dia. DAS 45 19-8-1 9-89	125	1360 ft (.068 ea) 100-NLX 2500SY - 144 (207225)	5017918
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-NLX 2500SY - 1	MT-4140QT-R1.025 125 DAS 45 19-8-1 9-89	0	26	0
Part Specifications				
Specifications could not be found.				

DAS 77 9-89
GA-TBD

44 1/4

Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE



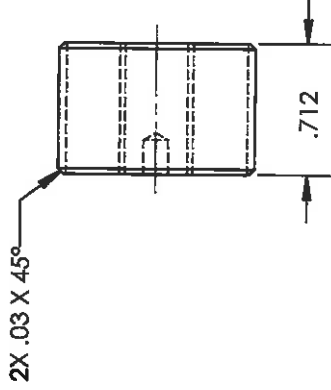
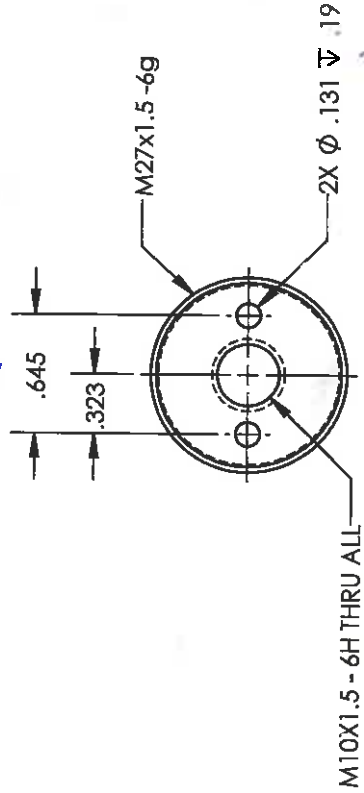
NCR No. _____

Route update only ☐

Job: _____ Part No. _____		DISPOSITION ☐ Rework ☐ Scrap ☐ Use-as-is		DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐					
Date :	Sequence #:	QTY Affected :		MRB (QS1042)					
Description Work Order Deviation		Disposition							
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Other/Details: _____ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread ☐							
						Completed By			
						Lead hand / Supervisor			
						QC / QA Coordinator			

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REV		ECR	REVISIONS		DESCRIPTION	DATE	INITIAL	APPROV
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RETURN TO
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SUBJECT:
W/O:
NO. 198226 MJS
10-07-24

DART AEROSPACE	
PULLER	
RBE1X56-136-393-3	
REV 1	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS ± 1/16 DECIMALS ± .005 ANGLES ± .5° SURFACES = 125/	
1. BREAK ALL SHARP EDGES	
2. DIMENSIONAL LIMITS APPLY	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL	
EC145	
SCALE 1:1	
DATE 7/14/2016	
SHEET 3 OF 3	

③
SPANNER BOLT



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER POHB044285



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044285

PO Date: 8/19/19

Due Date: 8/27/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

E-MAILED
2019-08-20

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	198231	RBE105-31702W19-17	Handle Base -Issue P/O : -Zinc plate, ASTM B633 TYPE 1 SC2 -Color: Clear -Material type: 4140 -Certificate of Conformity is required	Firmed	-	8/27/19	6 pcs	0 pcs	6 pcs	\$5.625/pcs	\$33.75
2	198226	RBE1X56-136-393-3	Spanner Bolt -Issue P/O : -Zinc plate, ASTM B633 TYPE 1 SC2 -Color: Clear -Material type: 4140 -Certificate of Conformity is required	Firmed	-	8/27/19	10 pcs	0 pcs	10 pcs	\$5.625/pcs	\$56.25
3	197392	RBA9963	Barrel Wrench -Issue P/O : -Zinc plate, ASTM B633 TYPE 2 SC2 -Color: Black -Material type: 4140 -Certificate of Conformity is required	Firmed	-	8/27/19	1 pcs	0 pcs	1 pcs	\$150.00/pcs	\$150.00
Grand Total:											\$240.00



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PURCHASE ORDER
POHB044285



Order Notes

Procurement Quality Clauses

- A005 right of entry
- A012 chemical and physical test report
- A016 personnel qualification
- A017 raw material identification (as applicable)

- A022 Apical Processing
- A024 process certifications
- A026 certification of material conformance

- A041 quality management system
- A042 dart notification by supplier
- A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 8/20/19 4:23 PM Dart.Guerin.Kimberley



Certificat de Conformité / Certificate of Compliance
(021668-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
Tel: 514-335-3666 Fax: 514-335-3868
www.groupaltech.com

Bon de Livraison / Packing Slip
021668 - 1

Livré à / Ship to
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON, K6A1K7
CANADA
Tel.: 613-632-5200 Fax.:

Client / Customer:
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON, K6A1K7
CANADA
BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No	Bon de commande Client Customer Purchase Order No.				
21-Aug-2019		Jigar Patel		POHB044285				
#Ligne Line#	No. de Série / # Pièce Part Number /Line Item Details Job # / Ref #	Description pièce(s)	CATG U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	RBE105-31702W19-17 Rev.	RBE105-31702W19-17 ZINC-CLEAR TRI [ZINC CLEAR TRIVALENT] 24 HRS ASTM B633 TYPE - 1, SC - 2 0.0003 "	ZINC CH	6	6	0	0	0
2	RBE1X56-136-393-3 Rev.	RBE1X56-136-393-3 ZINC-CLEAR TRI [ZINC CLEAR TRIVALENT] 24 HRS ASTM B633 TYPE - 1, SC - 2 0.0003 "	ZINC CH	10	10	0	0	0
3	RBA9963 Rev.	RBA9963 ZINC BLACK [ZINC BLACK] ASTM B633 TYPE - 2, SC - 2 0.0003 "	ZINC CH	1	1	0	0	0

RECEIVED

AUG 21 2019

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DAS
81
9-89

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AUG 21 2019
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Notes Additionnelles / Additional Notes

3 Boxes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

J. JAY

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
Our financial and legal responsibility will not be higher than the amount of invoice.